

## ABSTRACT

We disclose an apparatus and process for mini core in drilling samples accumulated in the cups by sample catcher. It allows the explorations to obtain high resolution Formation Evaluation on drilling cuttings samples. The process is assuming implementation of samples collected by Sample Catcher as the one described by author in patent US 6,386,026 B1 May 14,2002. The Mini Core apparatus consists of narrow cylinder with a piston. The thin wall cylinder is rotating by hand and pressed in to the cup with wet sample of drilling cuttings. The piston is placed after the desired depth of sample is reached and the vacuum is re-established. The core is pulled out from the cup and then squeezed out on the flat tray for horizontal analysis. The micro layering can be visually separated, before they are mixed as in conventional sample and the information is lost.